

12/04/01
JC498 U.S. PTO

12-701

Express Mail Certificate No. ET845030715US

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box →

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. MSC-23178-1

William C. Schneider

Title Deceleration-Limiting Roadway Barrier

Express Mail Label No. ET845030715US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 20]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
4. Oath or Declaration
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement [Power of Attorney]
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 [X Copies of IDS Citations]
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) [Status still proper and desired (PTO/SB/09-12)]
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other: Letter containing the certificate of mailing consisting of 1 page and return postcard

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment.

Continuation Divisional Continuation-in-part (CIP)

Prior application information: Examiner _____ of prior application No. _____ / _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17 CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

24957
(Insert Customer No. or attach bar code label here)

or Correspondence address below

PATENT TRADEMARK OFFICE

Name	NASA Johnson Space Center			
	Attn: James M. Cate, Mail Code HA			
Address	2101 NASA Road One			
	Houston, Texas 77058			
City	Houston	State	Texas	Zip Code
Country	USA	Telephone	281-483-1001	Fax
Name (Print/Type)		James M. Cate		Registration No. (Attorney/Agent)
Signature				Date

25,181

12-4-2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.
(This Form Electronically Generated 1/01)

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\\$) 964.00
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Complete if Known

Application Number	
Filing Date	12/04/01
First Named Inventor	William C. Schneider
Examiner Name	
Group Art Unit	
Attorney Docket No.	MSC-23178-1

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

14-0116

Deposit Account Number

Deposit Account Name

Natioanl Aeronautics and

Space Administration

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\\$) 740.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
28	4	-20** = 8	x 18	= 144.00
		- 3** = 1	x 80	= 80.00
				= 224.00

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\\$) 224.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\\$)

Complete (if applicable)

SUBMITTED BY			
Name (Print/Type)	James M. Cate	Registration No. (Attorney/Agent)	25,181
Signature	<i>James M. Cate</i>		
Date	12-4-2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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NASA CASE NO. MSC-23178-1

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Daniel S. Goldin) Group Art
) Unit:
First Named Inventor:	William C. Schneider)
)
Serial No.:)
)
Filed :	December 4, 2001)
)
For:	Deceleration-Limiting Roadway Barrier)
)
)

Letter

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Sir:

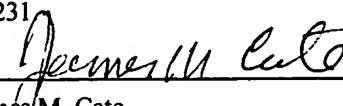
The enclosed application is being filed in accordance with Rules 1.10 and 1.53(b) in order to obtain a filing date of December 4, 2001. The application is being sent by Express Mail "Post Office to Addressee" under Certificate ET845030715US.

Respectfully submitted,


James M. Cate, Reg. No. 25,181
Attorney for Applicant

Houston, Texas 77058
Telephone: 281-483-1001 or 281-483-4871
Datafax: 281-244-8452

I hereby certify that the attached application "Deceleration-Limiting Roadway Barrier," is being deposited with the United States Postal Service on December 4, 2001, as Express Mail "Post Office to Addressee" under Certificate No. ET845030715US in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231


James M. Cate